APR 1 8 2006

| HEWLETT-PACKARD COMPANY |
|--------------------------------------|
| Intellectual Property Administration |
| P.O. Box 272400 |
| Fort Collins, Colorado 80527-2400 |

PATENT APPLICATION

ATTORNEY DOCKET NO.

10015698 -4

inventor(s):

Blaine D. Gaither

Confirmation No.: 6774

Application No.: 10/649917

Examiner: Bradley, Matthew A.

Filing Date:

Aug 26, 2003

Group Art Unit: 2187

Title: Cache System With Groups Of Lines And With Coherency For Both Single Lines And Groups Of Lines

Mall Stop Commissioner For Patents PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

| Other | | | | | | Fee\$ | | | | | |
|--|--------------------------------------|------------------------|-----------------|-------------------------|------|----------|-------------|--------|----------------------|---|--|
| | CLAIMS AS | AMENDE | D BY O | HER THAN A | SMA | ALL E | NTITY | ′ | | | |
| (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | HIGH! PREVIO | (5) PRESENT EXTRA | | F | (6) RATE | | (7) TIONAL EES | | |
| TOTAL CLAIMS | . 7 | MINUS | | = | 0 | × | \$50 | \$ | 0 | | |
| INDEP. CLAIMS | 5 | MINUS | | = | 0 | × | \$200 | \$ | 0 | | |
| | FIRST PRESENTATIO | ON OF A MU | ILTIPLE (| DEPENDENT CL | _AIM | | + | \$360 | \$ | 0 | |
| EXTENSION FEE | 1st Month \$120 | 2nd N \$450 | | 4th Month \$1590 | | | \$ | 0 | | | |
| | | | ., | | | (| OTHE | R FEES | \$ | _ | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT \$ | | | | | | <u> </u> | 0 | | | | |

Charge \$_____ to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

| I hereby certify that this paper is being |
|--|
| transmitted to the Patent and Trademark Office |
| facsimile number (571) 273-8300. |
| Date of facsimile: 4-18-2001 |

Typed Name:

Calhi Christensen

\$ignature:

Respectfully submitted.

Blaine D. Gaither

Augustus W Winfield

Altorney/Agent for Applicant(s)

Reg No.: 34,048

Date: APRIL 18, ZOOG

Telephone: 970 898 3142

Rev 19/06 (TransAmdFax)

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APR 1 8 2006

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

Inventor(s):

Blaine D. Gaither

Application No.: 10/649917

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10015698 -4

Confirmation No.: 5774

Examiner: Bradley, Matthew A.

Group Art Unit:

30pp

Title: Cache System With Groups Of Lines And With Coherency For Both Single Lines And Groups Of Lines

Mail Stop **Commissioner For Patents** PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMEN

| Other | | | | | | | | Fee | \$ | |
|------------------|--------------------------------------|------------------------|--|--------------------|-------------------------|------|---------------------|----------|---------------------------|---|
| | | AMENDE | D BY | THER THAN A | SMA | LL E | NTITY | <u>r</u> | | |
| (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBÉR EXTRA | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | | (5) PRESENT EXTRA | | (6) RATE | | (7) ADDITIONAL FEES | |
| TOTAL CLAIMS | 7 | MINUS | | 20 | = | 0 | х | \$50 | | 0 |
| INDEP. CLAIMS | 5 | MINUS | 7 | | = | = 0 | X | \$200 | \$ | 0 |
| | FIRST PRESENTATION | ON OF A MI | JLTIPLE | DEPENDENT C | LAIM | | + | \$360 | \$ | 0 |
| EXTENSION FEE | 1st Month \$120 | 2nd t | Month) | 3rdMonti \$1020 | h | | 4th Month \$1590 | | \$ | 0 |

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| Date of facsimile 4-16-2000 |

Typed Name:

Cathi Christensen

Signature:

Respectfully submitted.

Blaine D. Gaither

Augustus W Winfield

Attorney/Agent for Applicant(s)

Reg No.: 34,046

Date: APRIL 18, 2006

Telephone: 970 898 3142

Rev 10/05 (TransAmdFmi)

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PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Mail Stop 35 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10015698-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Blaine D. Gaither

Serial No.:

10/649,917

Examiner: Bradley, Matthew A.

Filing Date:

08/26/2003

Group Art Unit: 2187

Title:

CACHE SYSTEM WITH GROUPS OF LINES AND WITH COHERENCY FOR BOTH

SINGLE LINES AND GROUPS OF LINES

AMENDMENT

COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria VA 22313-1450

Sir:

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims beginning on page 3.

Remarks begin on page 5 of this paper.